



## 54M Wireless Cardbus Adapter TL-WN510G



Wireless Roaming,  
can move among  
different AP with no break

Adopts eXtended Range™ technology,  
4-9 times the signal coverage  
of traditional 11b/g products

Up to 54Mbps wireless rate  
and fully compatible  
with 802.11b.



### Description:

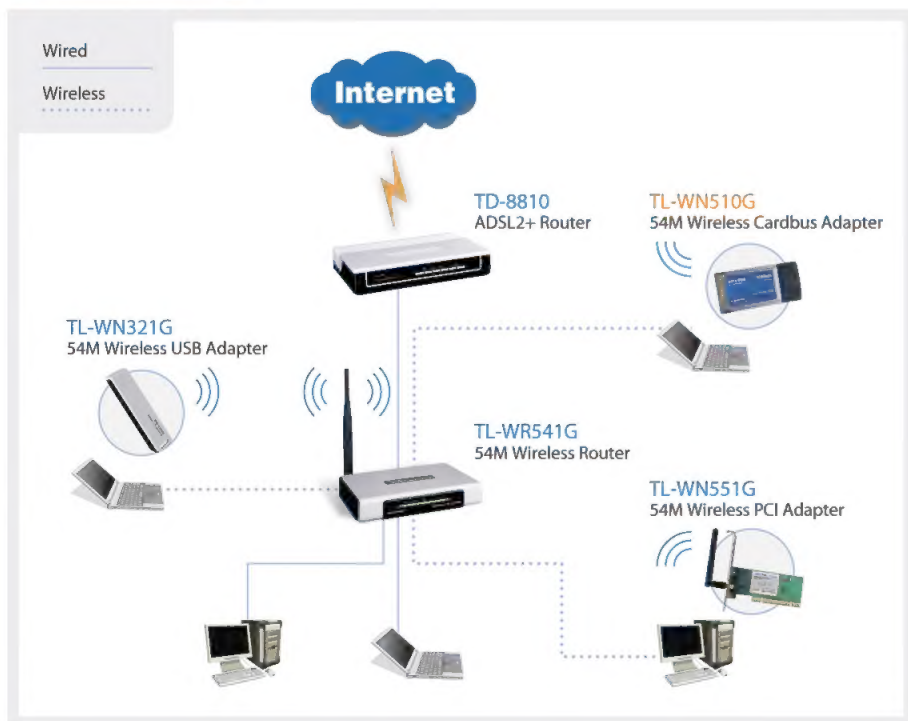
Complying with IEEE 802.11g, the TL-WN510G adopts TP-LINK eXtended Range™ WLAN transmission technology, resulting in transmission distances of 4-9 times the signal coverage of traditional 11b/g products. The TL-WN510G supports WEP and WPA encryption for connecting to a secure wireless network.

The TL-WN510G can fit different operation environments and let the user connect to the Wireless network easily. The TL-WN510G also supports Seamless Roaming and is compatible with other 11b, 11g WLAN equipments.

## Specifications:

Standards	IEEE 802.11g, IEEE 802.11b
Interface	32-bit Cardbus
Wireless Signal Rates	11g: 54/48/36/24/18/12/9/6 Mbps (Auto Rate Sensing)
With Automatic Fallback	11b: 11/5.5/3/2/1 Mbps (Auto Rate Sensing)
Frequency Range	2.4-2.4835GHz
Wireless Transmit Power	17dBm(MAX)
Modulation Type	1M DBPSK, 2M DQPSK, 5.5M/11M CCK, 6M/9M/12M/18M/24M/36M/48M/54M OFDM
Receiver Sensitivity	54M: -68dBm@10% PER 11M: -85dBm@8% PER 6M: -88dBm@10% PER 1M: -90dBm@8% PER
Antenna Type	Omni Directional, internal
Security	64/128/152 bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Media Access Control	CSMA/CA with ACK
Range	Indoors up to 200m, Outdoors up to 830m. (Adopts 2x to 3x Extended Range™ WLAN transmission technology, limited in different environment)
Certifications	FCC, CE
Support Operating System	Windows 2000/XP/Vista
Operating Temperature	0°C~40°C (32°F~104°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Relative Humidity	10% ~ 90%, non condensation
Storage Humidity	5%~95% non-condensing
Dimensions	4.5 x 2.1 x 2 in. (115 x 54 x 5 mm)

## Diagram:



## Features:

- 32-bit Cardbus connector, for notebook PC
- Supports Ad-Hoc/Infrastructure modes
- Supports 54/48/36/24/18/12/9/6Mbps or 11/5.5/2/1Mbps data transfer rates
- Adopts eXtended Range™ WLAN transmission technology, signal coverage is 4-9 times of the traditional 11b/g products
- Supports 64/128/152 strength WEP encryptions, as well as WPA/WPA2 and WPA-PSK/WPA2-PSK encryptions and mechanisms
- Supports Windows 2000, XP, Vista
- Provides simple configuration and supervisor program
- Internal Omni-directional antenna

## Package:

- 54M Wireless Cardbus Adapter TL-WN510G
- Quick Setup Guide
- Resource CD, including:
  - TL-WN510G Wireless Client Utility and Drivers
  - User Guide
  - Other Helpful Information

## Related Products:

- 54M Wireless USB Adapter TL-WN321G
- 54M Wireless Router TL-WR542G
- 54M Wireless ADSL2+ Router TD-W8910G

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